

STEAM BOILERS

1	Course Title:	STEAM BOILERS
2	Course Code:	MAK4204
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	4
6	Semester:	8
7	ECTS Credits Allocated:	4.00
8	Theoretical (hour/week):	3.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. Abdulvahap Yiğit
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	avahap@uludag.edu.tr / 2242941971 / U.Ü. Müh. Mim. Fak. Mak. Müh. Bölümü BURSA
17	Website:	
18	Objective of the Course:	Be accomplished with the basic knowledge of conventional steam boilers. Be equipped with the basic knowledge of efficiency of boilers Have the basic knowledge of fuels and combustion. Be equipped with the basic knowledge on boilers auxiliary elements Acquire a capacity to analyze and design of boilers. Be accomplished with the basic knowledge of chimney.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	Select appropriate boilers of hot water or steam.
	2	Select appropriate auxiliary elements for boilers.
	3	Determine of furnace temperatures
	4	Determine and solve the problems of heat transfer area
	5	Determine of project of boilers and chimneys
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21	Course Content:	
	Course Content:	
Week	Theoretical	Practice
1	Introduction, description and thermodynamics of boilers	

ÖK4	3	4	0	0	0	0	0	0	0	0	0	0	0	3	0	0
ÖK5	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							